

Converting Colors

CIELCh(36, 33.862, 127.060)

Have a look what the booklet for
CIELCh(36, 33.862, 127.060)
contains.

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Color

CIELCh(36, 33.772, 126.970)

Conversions

Conversions Part 1

Format	Color
Hex	415C27
RGB	65, 92, 39
RGB Percent	25%, 36%, 15%
CMY	0.7436, 0.6377, 0.8456
CMYK	0.29, 0.00, 0.57, 0.64
HSL	91°, 40%, 26%
HSV	91°, 57%, 36%
XYZ	6.4390, 9.0082, 3.3505
YIQ	77.8850, 0.9210, -22.2070

Conversions

Conversions Part 2

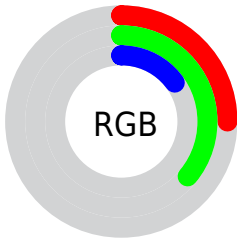
Format	Color
RYB	39, 92, 66
Decimal	4283431
CIELab	36.00, -20.31, 26.98
CIELCh	36, 33.772, 126.970
Yxy	9.0082, 0.3425, 0.4792
Android (android.graphics.Color)	4282473511 (0xFF415C27)
YUV	77.8850, -19.1703, -11.3001
Hunter-Lab	30.0136, -14.2292, 14.3908

Details

The CIELCh color **36, 33.772, 126.970** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **22, 36.485, 312.048**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 33.347, 126.633**, and **16, 29.769, 129.881** is the 20% darker color. If you saturate the color by 10%, you get **36, 38.948, 126.706**, and if you desaturate by 10%, it is **36, 28.216, 127.348**.

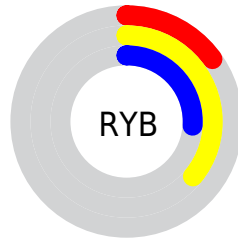
Distribution



Red (25%)

Green (36%)

Blue (15%)



Red (15%)

Yellow (36%)

Blue (26%)

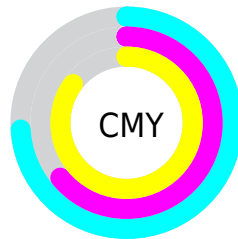


Cyan (29%)

Magenta (0%)

Yellow (57%)

Black (64%)



Cyan (74%)


Magenta (64%)


Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 33.772, 126.970 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 36, 33.772, 126.970 by changing the saturation by 10% instead.


 36, 33.772,
126.970


 36, 33.772,
126.970

 100, 33.772,
126.970


 26, 33.772,
126.970

 56, 33.772,
126.970


 16, 33.772,
126.970


 66, 33.772,
126.970

 6, 33.772, 126.970

 76, 33.772,
126.970

 0, 33.772, 126.970

 86, 33.772,
126.970

 96, 33.772,
126.970

■ 36, 33.772,
126.970

■ 36, 33.772,
126.970

■ 36, 38.948,
126.706

■ 36, 28.216,
127.348

■ 35, 43.556,
126.634

■ 37, 22.419,
127.780

■ 35, 47.375,
126.854

■ 38, 16.480,
128.231

■ 35, 50.647,
127.190

■ 38, 10.471,
128.677

■ 35, 51.539,
127.218

■ 39, 4.443, 129.111

■ 39, 1.568, 309.449

■ 40, 7.536, 309.851

■ 41, 13.440,
310.190

■ 42, 19.267,
310.496

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36, 33.772, 126.970



22, 36.485, 312.048

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36, 33.772, 126.970



36, 33.772, 176.970



36, 33.772, 306.970



36, 33.772, 356.970

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36, 33.773, 126.971



49, 12.679, 128.671



30, 22.049, 68.750



25, 8.548, 128.618



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36, 33.773, 126.971



46, 48.971, 126.652



35, 38.897, 140.005



19, 3.350, 129.049



41, 58.315, 127.567



84, 103.836, 128.606

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



22, 36.485, 312.048



25, 53.968, 312.577



25, 38.631, 327.173



17, 3.390, 309.739



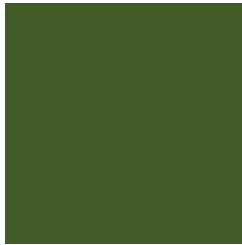
15, 66.553, 312.648



38, 118.077, 311.932

Previews

White Background



This preview shows how the CIELCh color 36, 33.772, 126.970 looks on a white background.

Color Contrast Check

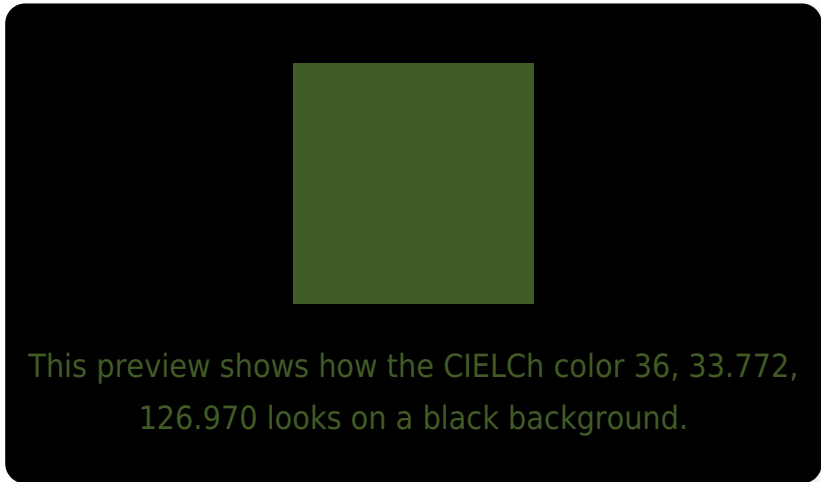
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

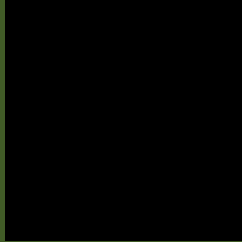
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 36, 33.772, 126.970

Background



This preview shows how black text looks on a background with the CIELCh color 36, 33.772, 126.970.



This preview shows how white text looks on a background with the CIELCh color 36, 33.772, 126.970.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

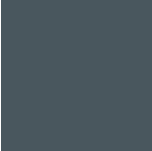
Dichromacy



Original Color
36, 33.772, 126.970

Protanopia
36, 29.054, 96.393

Deuteranopia
36, 25.950, 78.547



Tritanopia
36, 6.932, 237.838

Trichromacy



Original Color
36, 33.772, 126.970

Protanomaly
36, 29.697, 109.038

Deuteranomaly
36, 26.033, 100.330

Tritanomaly
36, 12.433, 149.521

Monochromacy



Original Color
36, 33.772, 126.970

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 12.663, 129.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 33.772, 126.970 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(65, 92, 39)` looks like.

```
.text, #text, p{  
    color:rgb(65, 92, 39)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(65, 92, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 92, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 33.772, 126.970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(65, 92, 39) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(65, 92, 39) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(65, 92, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 92, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 92, 39);  
box-shadow:4px 4px 4px 4px rgb(65, 92, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 33.772, 126.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 92, 39) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(65, 92,  
39) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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